

## A B S T R A C T

One aspect of the present invention is a method of managing quality of service in a mobile radio network in which protocols for communication over terrestrial interfaces comprise a radio network layer and a transport network layer and wherein quality of service management includes quality of service management linked to the radio network layer and quality of service management linked to the transport network layer, said method comprising:

- a step in which a first network element signals to a second network element by means of the radio network layer signaling protocol at least one parameter representative of transport quality of service or of quality of service for the transport network layer, and
- a step in which the second network element uses said at least one parameter for transport quality of service management.